

REMARKS

The above amendments and these remarks are responsive to the Office Action mailed April 21, 2005. In the Office Action, Claim 35 is rejected under U.S.C. 102(b) as being anticipated by Andideh et al. (US 6, 362, 091). Claims 54-78 are allowed. Claims 36-53 are objected as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

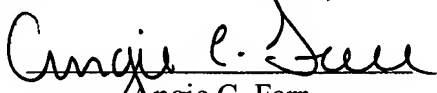
Applicant thanks the Examiner for indicating the allowability of claims 36-53, and herein amends claims 36, 42, 44, 45, 46 and 53 to rewrite these claims in independent form including all limitations of the base claim and intervening claims.

Applicant also herein amends claim 54 to recite a method of making an integrated circuit, the integrated circuit including an adhesion promoter layer disposed on a substrate and a low dielectric constant polymer layer disposed on the adhesion promoter layer, wherein the method includes depositing a silane material onto the substrate; exposing the silane material to a free radical generating energy source to generate free radicals from vinyl functional groups on the silane material, wherein some free radicals react to form the adhesion promoter layer, and wherein other free radicals are available to react with the low dielectric constant polymer layer; depositing the low dielectric constant polymer layer on the adhesion promoter layer by exposing the substrate to a concentration of a gas phase free radical, wherein at least some of said other free radicals react with the low dielectric constant layer as it is deposited; and heating the adhesion promoter layer and the polymer dielectric in the presence of a reducing gas. Amended claim 54 is supported in the specification, for example, at page 19, line 10.

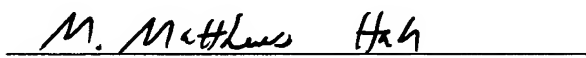
Applicant believes that this application is now in condition for allowance, in view of the above amendments and remarks. Accordingly, Applicant respectfully requests that the Examiner issue a Notice of Allowability covering the pending claims. If the Examiner has any questions, or if a telephone interview would in any way advance prosecution of the application, please contact the undersigned attorney of record.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on June 6, 2005.


Angie C. Farr

Respectfully submitted,
Alleman Hall McCoy Russell & Tuttle, LLP


M. Matthews Hall
Registration No. 43,653
Customer No. 50488
Attorney/Agent for Applicant(s)/Assignee
806 SW Broadway, Suite 600
Portland, OR 97205
Tel: (503) 459-4141
Fax: (503) 459-4142